Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

QM/F 33(B)

Date.....

P.R.No 2 nd & final (For Other Works) T. DASARAHALLI DIVISION

DASARAHALLI DIVISION

Bill Received No Dated---------- Cash Book Voucher No dated----------

Scheduled Docket No Head of Account : P-3295 14TH FINANCE

Est cost: Rs 30.00 Lakhs Job Code No:-014-19-000046

Name of work (as per sanctioned estimate)

UGD Works and Sinking of Borewell, Laying of Pipeline in Ward No 14, Bagalagunte

Name of Contractor:-Sri R SHIVARAM, #4-13,AVALAMMA CHOULTRY LAYOUT, MAGADI ROAD, BANGALORE-23

Reference to Work Order No:EE/DD/WO/136/2020-21 Date-27-11-2020

Certified that the measurements were taken by me on 31/05/2021 ....and recorded in 4885 Pages 48846 to 68 of measurement Book No 4885 and that the work is satisfactorily executed.

Contractor. Officer in charge of work.

Certified that the measurements were taken by me on 31/05/2021 .....and found correct.

The work is satisfactory executed. Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate usage on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer

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ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ

If Memorandum of payment

1) Total value of work done or supplies made as per account within. Bill for cost → 1014688=00
2) Deduct amount to be held in reserve being-------- percent Rs.....
3) -do- Balance
4) Deduct payments :
   a) Amount of previous payment as in the office cash book voucher No----------Dated----------S.D.No----------
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this / other work
   Amount paid on this bill cheque / cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office cash Book Voucher No---------- dated ----------less adjustments
7) Net amount due to or from contractor
   Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

1st and part Bill → 67123=00
2nd and Final Bill → 337651=00
IT → 33717=00
Lwc → 33717=00
CBF → 3372=00 (-)
CGST → 30104=00 133414=00
SGST → 30104=00
Fine → 2400=00
Net Amount → 323823=00

Contractor's Signature

Received Rs. (in words) 337651=00

by cash and by adjustment of payment as per memorandum.

Witnesses : 1.

2

Dated signature of contractor

Paid by me by cheque No Dated

Cash Rs Dated

Initials of officer making payment

(For office use)

Audited and admitted for Rs.....

Passed by Cheque for Rs. 323823=00

(Rupees in words) Three lakh Twenty Three Thousand Two Hundred Thirty Seven only

by adjustment Rs. 133414=00

Accounts Superintendent Executive Engineer

P.R.E.M.P. Dasarahalli Division

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Sl	Description	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty.	Cost	Qty	Rate	Cost	Qty	Cost	
1	2	3	4	5	6	7	8	9	10	11
1	Geophysical survey geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the hand pumps, MWS or PWSS by vertical electrical sounding by adopting venner or schlumbergers's method including recconnaisance suevey of geological formation Geophysical investigation of existing ground Water in the vicinity. its quality , quality & acceptabality of the users indicating the location of the site recommendeddepth of casing pipe required to seal the tope unconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquire proposed to be tapped propable yield and other information required including transportation of instrument and accessories to work site, engating technical personal and labour etc.	Each	5.00	10133	3	2026.65	6080	8.00	16213	
2	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,	Mtr	250	82380	150	329.52	49428	400.00	131808	
3	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,	Mtr	250	107843	150	431.37	64706	400.00	172549	
4	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,	Mtr	250	119800	150	479.2	71880	400.00	191680	
5	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,	Mtr	250	126530	150	506.12	75918	400.00	202448	

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Sl	Description	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty.	Cost	Qty	Rate	Cost	Qty	Cost	
1	2	3	4	5	6	7	8	9	10	11
6	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMP & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,	Mtr	250	148453	150	585.21	87872	400.00	234325	
7	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMP & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,	Mtr	250	172635	150	690.54	103581	400.00	276216	
8	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMP & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,	Mtr	250	167435	84	669.74	56258	334.00	223693	
9	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMP & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,	Mtr	48	34011	0	708.57	0	48.00	34011	
10	Supply of ISI Mark 175mm Nominal bore ,plain end steel Casing pipe grade of steel Fee 410 of wall thickness 5.4 mm thick confirming to IS 1387/1933 and manufactured by basic open hearth electric or basic oxygen process in random lenth of 5 to 7mtrs. Both ends threaded Confirming to IS 554/1985, One end fixed with a Socket Confirming to IS 4270:2001 and the other end with Screwed pipes . All pipes shall be reasonably free from defectes. The tube shall be reasonably straight should be with ISI marking, weighing 25.10kg/mtr.	Mtr	408	565194	245	1385.28	339394	653.00	904588	
11	Providing and Fixing 250mm dia PVC pipe and as per Specification and Direction	Each	90.00	101970	54	1133	61182	144.00	163152	
12	Providing 175 mm dia MS Collar	Each	40.00	6273	18	156.82	2823	58.00	9096	

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Sl	Description	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty.	Cost	Qty	Rate	Cost	Qty	Cost	
1	2	3	4	5	6	7	8	9	10	11
13	Providing 175 mm dia MS Cap	Each	5.00	523	3	104.55	314	8.00	837	
14	Supply and delivery at site brand new submersible pumpset suitable for borewell of 165mm dia and having the declared duty conditions as detailed below and satisfying performance Characteristics for pump and motor as declared by the bureau of indian stand. the pumpset should conform to IS : 8034-1989 (With all its latest amendments) and Should bear ISI Certification mark IS : 8034-1989 Sub mercible pumpset 20HP 40 stage Texmo/Taro or equalents Brands	No	5.00	445370	7	89073.98	623518	12.00	1068888	
15	Providing and fixing of 50mm G.I pipe 'C' class heavy duty for erection of submersible pumpset galvanised tube 50mm supply ad delivary of cause heavy duty as per IS/239/1990	Mtrs	1475	678367	846	459.91	389084	2321.00	1067451	
16	Supplying and Drawing 3 core Flat PVC Shalted Submersible Pump Cable Manufactured with Electrolytic Grade Copper with Flexible copper conductor to table 3 class 5 of IS 8130-1984 and Virgen PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts	Mtrs	2950.00	506692	1650	171.76	283404	4600.00	790096	
17	Supplying and delivery at site brand new star / Essen / Lotus / Sun shines / Adharsh / GK Controls best indigenous make combined energy meter cum control panel board unit of size 1200x600x350mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for opration on 3ph, 50 hz, 380/440 volts, AC supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board unit suitable for operation on 3ph, 50 hz, 380/440 volts AC supply shall be consists etc., complete the panel board shall be consist etc., complete the panel board shall be fabricated on single unit in the above componenets panel board for suitable pumpset with star delta staretr out door type 10hp to 15 hp	Nos	5.00	77367	3	15473.4	46420	8.00	123787	
18	Fabricating Supplying and mounting MS Box of 16 SWG suitable for floor/ wall mounting fully weather proof with provision for better hear description, 9Providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamp with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 Sq cm	Sqm	110000.00	39600	66000	0.36	23760	176000.00	63360	
19	Providing & Fixing of Clamps set and Borewell cap to the pump (MR)	No's	5.00	9974	3	1994.81	5984	8.00	15958	
20	Supplying and fixing 50mm Non Return Vavle of vertical type of approved make including cost of all materials labour HOM of equipment with all leads Complete as per Specifcation	NO	5.00	9974	3	1994.81	5984	8.00	15958	
21	Supplying and fixing 50mm GM Gate Vavle	Nos	5.00	9974	3	1994.81	5984	8.00	15958	
22	Providing & Fixing of 50mm GI Short bend to motor	No	5.00	1214	3	242.7	728	8.00	1942	

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Sl	Description	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty.	Cost	Qty	Rate	Cost	Qty	Cost	
1	2	3	4	5	6	7	8	9	10	11
23	Supplying and fixing 50mm GI Union	Nos	5.00	1240	3	247.9	744	8.00	1984	
24	Supplying and fixing 50mm GI Elbow	Nos	5.00	584	3	116.88	351	8.00	935	
25	Labour charges for laying 1.1 KV class UG cable when supplied by agencies in existing trenches GI pipe / stoneware pipe/ on pole as required,	each	100.00	9476	60	94.76	5686	160.00	15162	
26	Erection of combined panel board and meter unit with necessary materials and labour including providing cement concrete foundation bed cont door type etc., complete	No	5.00	2483	3	496.61	1490	8.00	3973	
27	Supplying and fixing miniature Circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required	No;s	5.00	4738	3	947.64	2843	8.00	7581	
28	Supplying and laying of L.T.U.G Cable having aluminium conductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 K V class 4 crore 16 sqmm cable (Confirming to IS 1554)	Mtr	50.00	8884	30	177.68	5330	80.00	14214	
29	Digging of trench of 0.6m deep x 0.5m wide refilling the trench to the required level and consolidating etc., complete	Mtrs	100.00	5922	53	59.22	3139	153.00	9061	
30	Supplying and fixing class A GI pipe on pole/Wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm	Mtrs	15.00	3909	9	260.6	2345	24.00	6254	
31	Supplying, fixing, wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.50m long buried in a pit. The pit should be filled with equal proportion of solt and charcoal 150mm alround the pipe to complete depth. the connection from the pipe to the conduct etc., is to be established through GI wire of size as per ISI specifications 7.3.3 IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 throught holes of 122mm dia	No's	15.00	26652	9	1776.82	15991	24.00	42643	
32	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmm UG cable filled with neccesary bitumen / insulating compound complete with termiinalas, clamps, bolts, nuts, washers etc.,	No's	5.00	1421	3	284.29	853	8.00	2274	
33	Supoplying Shunt capacitor's comfirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No;s	No's	5.00	7057	3	1411.42	4234	8.00	11291	
34	Providing & Fixing Gun Metal Gate wheel valve confirming to IS Specifivation of approved make as per direction including all lead and lift etc., complete 50mm dia	No's	20.00	16269	12	813.44	9761	32.00	26030	
35	Supplying and fixing of polished wood board made up not less than 15mm thick plank in both side with plank made out on not more than 2 piecess and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20x20x2.5 inches	No's	5.00	1629	3	325.75	977	8.00	2606	

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Sl	Description	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty.	Cost	Qty	Rate	Cost	Qty	Cost	
1	2	3	4	5	6	7	8	9	10	11
36	Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	1025.55	510303	309.96	497.59	154233	1335.51	664536	
37	Providing and installing at site of work 63mm (0.662) P.V.C pipes of 6kg/ cm2 including cost of pipes and specials and labour including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not leass than 15 cms with gravel or selected earth available from the excavation etc., complete (Page no:115, I.No.3.42 B, PRED SR 2012-13).	Rmt	2279.00	939541	688.8	412.26	283965	2967.80	1223506	
38	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m including cost of all labour complete as specifications.. allow 60% of rate considered under item	Cum	820.44	110013	515.07	134.09	69066	1335.51	179079	
39	KPTCL Deposit Charge	LS	0	0	7	14528	101696	7.00	101696	
40	Borewell registration charge per Rs 1000 each for BWSSB	LS	0	0	+20	1045.5	0	0.00	0	
41	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications.	Cum	978.15	486718	0	497.59	0	978.15	486718	
42	Providing and laying in position to required level or slope 300mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications.	Mtr	512.00	358036	0	699.29	0	512.00	358036	
43	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m including cost of all labour complete as specifications.. allow 60% of rate considered under item	Cum	978.15	131160	0	134.09	0	978.15	131160	

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Sl	Description	Unit	previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty.	Cost	Qty	Rate	Cost	Qty	Cost	
1	2	3	4	5	6	7	8	9	10	11
44	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum	0.00	0	586.08	77.356	45337 3010403=00	586.08	45337 9056150=00	
				6045747			3012343		9058090	
			Total	6045747			3012343		9058090	
			12% GST	725490			361481 361248=00		1086971	1086738
			Net Amt	6771237			3373824		10145061 10142888=00	

Certificate:-

1 .The contractor has executed the work satiesfactory Hence the bill is Recommended for payments

2 . The contractor has cleared all the Debries from work spot.

3 .works comes under BBMP Limit.

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ಜ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜ.ಜ.ಎಂ.ಪಿ.
ಬೆಂಗಳೂರು-560073.

3371651=00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲನಾ ಅಭಿಯಂತರರು
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